

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

Attorney Docket No. 5770-18

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **HYPERPOLARIZED GAS TRANSPORT AND STORAGE DEVICES AND ASSOCIATED TRANSPORT AND STORAGE METHODS USING PERMANENT MAGNETS,**

the specification of which

☒ is attached hereto

OR

☐ was filed on _____ as United States Application No. or PCT International Application Number _____ and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37 Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate, or of any PCT International application having a filing date before that of the application on which priority is claimed.

None			<input type="checkbox"/> Yes <input type="checkbox"/> No
Number	Country	MM/DD/YYYY Filed	Priority Claimed
			<input type="checkbox"/> Yes <input type="checkbox"/> No
Number	Country	MM/DD/YYYY Filed	Priority Claimed
			<input type="checkbox"/> Yes <input type="checkbox"/> No
Number	Country	MM/DD/YYYY Filed	Priority Claimed

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below.

60/148,359	August 11, 1999
Application Number(s)	Filing Date (MM/DD/YYYY)
Application Number(s)	Filing Date (MM/DD/YYYY)

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) or § 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application(s) in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application (37 C.F.R. § 1.63(d)).

None		
Appln. Serial No.	Filing Date	Status Patented/Pending/Abandoned
Appln. Serial No.	Filing Date	Status Patented/Pending/Abandoned
Appln. Serial No.	Filing Date	Status Patented/Pending/Abandoned

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following registered attorney(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Customer Number 20792

Send correspondence to:

Julie H. Richardson
Myers Bigel Sibley & Sajovec
Post Office Box 37428
Raleigh, NC 27627

Direct telephone calls to:

Julie H. Richardson
(919)854-1400

Facsimile:

(919) 854-1401

Full name of first inventor: **Kenton C. Hasson**

Inventor's

Signature: K.C. Hasson

Date: 5/16/00

Residence:

Durham, North Carolina

Citizenship:

United States of America

Post Office Address:

4304 Waterford Valley Drive, Apt. #1827
Durham, NC 27713

Full name of second inventor: **William Happer**

Inventor's

Signature: William Happer Date: 23 May 2000

Residence: Princeton, New Jersey

Citizenship: United States of America

Post Office Address: 559 Riverside Drive
Princeton, New Jersey 08540

Full name of third inventor: **Geri T.K. Zollinger**

Inventor's

Signature: *Geri T.K. Zollinger* Date: 05/16/20

Residence: Chapel Hill, North Carolina

Citizenship: United States of America

Post Office Address: 112 Cynthia Drive
Chapel Hill, NC 27514

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Kenton C. Hasson et al.

Examiner: Jila M. Mohandesi

Serial No.: 09/583,663

Group Art Unit: 3728

Filed: May 30, 2000

For: **HYPERPOLARIZED GAS TRANSPORT AND STORAGE
DEVICES AND ASSOCIATED TRANSPORT AND STORAGE
METHODS USING PERMANENT MAGNETS**

Date: July 9, 2003

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

ASSOCIATE POWER OF ATTORNEY
AND CHANGE OF CORRESPONDENCE ADDRESS

Sir:

Pursuant to 37 CFR 1.34 (b), the undersigned attorney of record in the above-referenced patent application hereby appoints the following registered attorney(s) associated with the below customer number, as associate attorneys, to prosecute this patent application and all related continuation, divisional, and continuation-in-part applications, and to transact all business in the U.S. Patent and Trademark Office connected therewith and with the resultant patent(s):

CUSTOMER NUMBER 36335

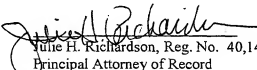
of the company Amersham Pharmacia Biotech Inc. with full power of substitution and revocation to transact all business in the U.S. Patent and Trademark Office in connection therewith.

Please change the correspondence address pursuant to 37 CFR 1.33 (b)(1) to direct all communications as follows:

Robert Chisholm
Reg. No. 39,939
101 Carnegie Center
Princeton, NJ 08540-6231
Telephone: (609) 514-6905
Fax: (609) 514-6572

Myers Bigel Sibley & Sajovec, P.A.

By:


Julie H. Richardson, Reg. No. 40,142
Principal Attorney of Record

Date:

7/9/03

In re: Kenton C. Hasson et al.
Serial No.: 09/583,663
Filed: May 30, 2000
Page 2 of 2

Customer Number:




20792

PATENT TRADEMARK OFFICE

CERTIFICATE OF FACSIMILE TRANSMISSION

I hereby certify that this correspondence is being sent by facsimile transmission to Group Art Unit 3728, Commissioner for Patents, Alexandria, VA 22313-1450, at (703) 872-9302 on July 9, 2003.


Rosa Lee Brinson

ASSIGNMENT RE

02-08-2001

EET Patents Only

To the Honorable Court

101608390

January 30, 2001

Attorney Docket No. 5770-18
and 5778-18PR

Please recode the attached original documents or copy thereof.

1. Name of conveying party(ies):

William Happer

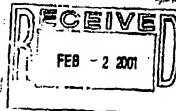
2. Name and address of receiving party(ies):

Medi-Physics, Inc.
101 Carnegie Center
Princeton, New Jersey 08540Additional item(s) of conveying party(ies) attached? Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment
☐ Merger
☐ Security Agreement
☐ Change of Name
☐ Other

Execution Date: January 23, 2001

Additional item(s) & address(es) attached? Yes ☒ No

4. Application Serial Nos. 68/148,359 and 09/583,543; Patent No. _____

If this document is being filed together with a new application, the execution date of the application is:

Additional numbers attached? Yes ☒ No

5. Name and address of party to whom correspondence concerning documents should be mailed:

Jelle E. Richardson
Myers Bigal Sibley & Seafarer, P.A.
P. O. Box 37428
Raleigh NC 27627

6. Total number of applications and patents involved: 2

7. Total fee (37 CFR 3.41)

\$88.00

☒ Enclosed☐ Authorized to be charged to deposit account

8. Deposit account number: 50-0220

DO NOT USE THIS SPACE

9. Statement and signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Jelle H. Richardson, Reg. No. 40,142

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments and document: 3

02/06/2001 10:01:11 00000070 68148359

01 FEB 2001

00:00:00

PATENT
REEL: 011490 FRAME: 0009

PATENT NUMBER: SERIAL NUMBER: 09/583663 TITLE: HYPERPOLARIZED GAS TRANSPORT AND STORAGE DEVICES AND ASSOCIATED TRANSPORT AND STORAGE METHODS USING PERMANENT MAGNETS APPLICANT: HASSON, KENTON C. ; HAPPER, WILLIAM ZOLLINGER, GERT I. K. ISSUE DATE: 00/00/00 FILING DATE: 05/30/00

REEL: 010827 FRAME: 0499 DATE RECORDED: 05/30/00 NUMBER OF PAGES: 003
ASSIGNOR: HASSON, KENTON C.
EXC DATE: 05/16/00
ZOLLINGER, GERRI T.K.
EXC DATE: 05/16/00
ASSIGNEE: MEDI-PHYSICS, INC.
101 CARNEGIE CENTER
PRINCETON, NEW JERSEY 08540

BRIEF:
ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

01/11/02 11:12
YOU HAVE MORE SCREENS,PRESS THE ASSNR KEYS & SEND FOR NEXT SCREEN
RETURN ADDRESS: MYERS, BIGEL, SIBLEY & SAJOVEC, P.A.
JULIE H. RICHARDSON
P.O. BOX 37429
RALEIGH, NC 27627

REEL: 011490 FRAME: 0009 DATE RECORDED: 02/02/01 NUMBER OF PAGES: 003
ASSIGNOR: HAPPER, WILLIAM
EXC DATE: 01/23/01
ASSIGNEE: MEDI-PHYSICS, INC.
101 CARNEGIE CENTER
PRINCETON, NEW JERSEY 08540

BRIEF:
ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).
RETURN ADDRESS: MYERS BIGEL ET AL
JULIE H. RICHARDSON
P.O. BOX 37428
RALEIGH, NC 27627

NO MORE INFORMATION FOR THIS SERIAL NUMBER 01/11/02 11:12

ASSIGNMENT RECORDATION FORM COVER SHEET *Patents Only*

To the Honorable Commissioner of Patents and Trademarks:

January 30, 2001
 Attorney Docket No. 5770-18
 and 5770-18PR

Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

William Happer

2. Name and address of receiving party(ies):

Medi-Physics, Inc.
 101 Carnegie Center
 Princeton, New Jersey 08540

Additional name(s) of conveying party(ies) attached? Yes ☒ No

3. Nature of conveyance:

☒ Assignment
☐ Merger
☐ Security Agreement
☐ Change of Name
☐ Other

Execution Date: January 23, 2001

Additional name(s) & address(es) attached? Yes ☒ No

4. Application Serial Nos. 60/148,359 and 09/583,663; Patent No. _____

If this document is being filed together with a new application, the execution date of the application is:

Additional numbers attached? Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Julie H. Richardson
 Myers Bigel Sibley & Sajovec, P.A.
 P. O. Box 37428
 Raleigh NC 27627

6. Total number of applications and patents involved: 2

7. Total fee (37 CFR 3.41) \$80.00
☒ Enclosed
☐ Authorized to be charged to deposit account

8. Deposit account number: 50-0220

DO NOT USE THIS SPACE

9. Statement and signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Julie H. Richardson, Reg. No. 40,142

Name of Person Signing

Signature

1/30/01

Date

Total number of pages including cover sheet, attachments and document: 3

Attorney Docket No. 5770-18 and -18PR

ASSIGNMENT

THIS ASSIGNMENT, made by me, **William Happer**, citizen of the United States of America, residing at 559 Riverside Drive, Princeton, New Jersey 08540;

WITNESSETH: That,

WHEREAS, I am a joint inventor of certain new and useful improvements in **HYPERPOLARIZED GAS TRANSPORT AND STORAGE DEVICES AND ASSOCIATED TRANSPORT AND STORAGE METHODS USING PERMANENT MAGNETS** for which a provisional application was filed on August 11, 1999, under Serial No. 60/148,359 and for which an application for United States Letters Patent has been filed in the United States Patent and Trademark Office on May 30, 2000, under Serial No. 09/583,663, and

WHEREAS, **Medi-Physics, Inc.**, a Delaware corporation having a principal place of business at 101 Carnegie Center, Princeton, New Jersey 08540, hereinafter referred to as assignee, is desirous of acquiring the entire right, title and interest in and to said invention as described in said application, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I have sold and by these presents do hereby sell, assign, transfer, and convey unto the said assignee, its successors and assigns, my entire right, title, and interest in and to the said invention and applications, continuations, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues or other forms of protection thereof which may be granted therefor or thereon for the full end of the term for which said Letters Patent may be granted along with any term extensions thereof or therefor, together with the right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made.

I hereby request that said Letters Patent be issued in accordance with this assignment.

I further covenant and agree that, at the time of the execution and delivery of these presents, I possess full title to the invention and applications above-mentioned, and that I have the unencumbered right and authority to make this assignment.

I further covenant and agree to communicate to said assignee or its representatives any facts known to me relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors, or assigns to secure patent or similar protection for the said invention in all countries and to vest in the assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said assignee, its successors, assigns, and other legal representatives; and I hereby instruct, and further covenant and agree to bind my heirs, legal representatives, and assigns, to do same, without further compensation, but at the expense of said assignee or its representatives.

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 23 day of January, 2001.

William Happer

(SEAL)

William Happer

STATE OF NEW JERSEY)

COUNTY OF Mercer) ss:

Before me personally appeared William Happer, to me known to be the person described in and who executed the foregoing instrument, and he acknowledged to me that he executed the same for the purposes therein stated, this 23rd day of January, 2001.

Richard Krohnsgold

Notary Public

(SEAL)

My Commission Expires:

ROCHELLE SCHUMMEGOLD
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 8/23/2003



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

JFK

JULY 31, 2000

PTAS

MYERS, BIGEL, SIBLEY & SAJOVEC, P.A.
JULIE H. RICHARDSON
P.O. BOX 37428
RALEIGH, NC 27627



101377628A

02-09-00410:15 REV0

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 05/30/2000

REEL/FRAME: 010827/0499
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

HASSON, KENTON C.

DOC DATE: 05/16/2000

ASSIGNOR:

ZOLLINGER, GERI T.K.

DOC DATE: 05/16/2000

ASSIGNEE:

MEDI-PHYSICS, INC.
101 CARNEGIE CENTER
PRINCETON, NEW JERSEY 08540

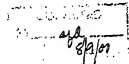
SERIAL NUMBER: 09583663

FILING DATE:

PATENT NUMBER:

ISSUE DATE:


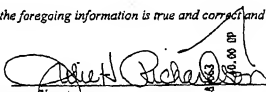
PEARLENE FOSTER, PARALEGAL
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS



ASSIGNMENT RECORD

FORM COVER SHEET

Pat. - Only

To the Honorable Commissioner of Patents & 06-08-2000 Please record the attached original document May 30, 2000 Attorney Docket No. 5770-18	
1. Name of conveying party(ies): <div style="display: flex; justify-content: space-between; align-items: center;"> <div> Kenton C. Hasson Gert T.K. Zollinger </div> <div style="text-align: center;"> 101377828 <i>MIRV</i> <i>5.30. w</i> </div> <div> of receiving party(ies): Medi-Physics, Inc. 101 Carnegie Center Princeton, New Jersey 08540 </div> </div>	<div style="text-align: center;">  09/583663 05/30/00 </div>
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date: May 16, 2000	
Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
4. Application Serial No. _____ Patent No. _____ If this document is being filed together with a new application, the execution date of the application is: May 30, 2000 Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>09/583663</i>	
5. Name and address of party to whom correspondence concerning document should be mailed: Julie H. Richardson Myers Bigel Sibley & Sajovec, P.A. P. O. Box 37428 Raleigh NC 27627	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41) \$40.00 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: 50-0220
DO NOT USE THIS SPACE	
9. Statement and signature <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i>	
Julie H. Richardson, Reg. No. 40,142 Name of Person Signing	<div style="display: flex; align-items: center;"> <div style="flex: 1;">  Signature </div> <div style="flex: 1; text-align: center;"> <i>5/30/00</i> Date </div> </div>
Total number of pages including cover sheet, attachments and document: 3	

 06/05/2000 TUESDAY 04:00:00 PM
 09/583663
 05/30/00

Attorney Dkt. No. 5770-18

ASSIGNMENT

THIS ASSIGNMENT, made by us, **Kenton C. Hasson**, citizen of the United States of America, residing at 4304 Waterford Valley Drive, Apt. #1827, Durham, North Carolina 27713 and **Geri T.K. Zollinger**, citizen of the United States of America, residing at 112 Cynthia Drive, Chapel Hill, North Carolina 27514;

WITNESSETH: That,

WHEREAS, we are the joint inventors of certain new and useful improvements in **HYPERPOLARIZED GAS TRANSPORT AND STORAGE DEVICES AND ASSOCIATED TRANSPORT AND STORAGE METHODS USING PERMANENT MAGNETS** for which an application for United States Letters Patent has been executed by us concurrently herewith, and

WHEREAS, **Medi-Physics, Inc.**, a Delaware corporation having a principal place of business at 101 Carnegie Center, Princeton, New Jersey 08540, hereinafter referred to as assignee, is desirous of acquiring the entire right, title and interest in and to said invention as described in said application, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold and by these presents do hereby sell, assign, transfer, and convey unto the said assignee, its successors and assigns, the entire right, title, and interest in and to the said invention and application, as well as to any and all continuations, continuations-in-part, or divisions thereof, and to any and all provisional applications from which said application claims priority and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues thereof or other forms of protection, which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted, including any term extensions granted thereon, together with the right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

We hereby request that said Letters Patent be issued in accordance with this assignment.

We further covenant and agree that, at the time of the execution and delivery of these presents, we possess full title to the invention and application above-mentioned, and that we have the unencumbered right and authority to make this assignment.

We further covenant and agree to promptly communicate to said assignee or its representatives any facts known to us relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors, or assigns to secure patent or similar protection for the said invention in all countries and to vest in the assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said assignee, its successors, assigns, and other legal representatives and we further covenant and agree to bind our heirs, legal representatives, and assigns to do same.

IN WITNESS WHEREOF, we have hereunto set our hands and seals on this 16th day of MAY, 2000.

K. C. Hasson (SEAL)
Kenton C. Hasson

Geri A. K. Zolinger (SEAL)
Geri A. K. Zolinger